

ABSTRACT OF THE DISCLOSURE

A method for monitoring a network state includes the steps of assigning a destination and a monitor period to a module for monitoring a state of a network installed in a source area; generating a specific packet for measuring a bandwidth and a degree of congestion of the network; transmitting the specific packet through a network layer to a designated destination; returning the specific packet received by the destination to the source area; computing a bandwidth and a degree of congestion of the network based on the returned specific packet; and repeatedly performing the generating step, the transmitting step, the returning step, and the analyzing step in every assigned monitor period during a predetermined time, thereby recognizing a network state.